

ABSTRACT

In one exemplary embodiment of the invention, an outphasing modulator may include at least a multiplier to multiply an amplitude modulation signal by a phase modulated carrier signal to generate a modulated signal. The outphasing modulator may also include a phase splitter to phase split the modulated signal to generate phase shifted modulated signals. The outphasing modulator may also include a sum-difference combiner to produce outphased modulated signals from the phase shifted modulated signals.